

PRELIMINARY
INSTALLATION ENGINEERING

I. INSTRUMENT

STATINTL

A. Name VIEWER, STEREOSCOPIC, VERSATILE HIGH PRECISION
 B. Manufacturer [REDACTED]
 C. Contract Number [REDACTED]

II. PHYSICAL FEATURES

A. Number of Component Parts 4 {(3) MOBILE UNITS
{(1) DROP-IN ASSY
 B. Dimensions of the Largest Component Part:
 Length 7 Ft. 4 In. Height 6 Ft. 0 In.
 Width 3 Ft. 0 In.
 C. Weight of Largest Component Part ~ 2500 Lb.
 D. Total Weight of Instrument ~ 3500 Lb.
 E. Overall Dimensions Assembled: FLOOR SPACE
 Length 12 Ft. — In. Height 6 Ft. 0 In.
 Width 6 Ft. — In. → AT LEAST 3 FT FROM WALL
 F. Type of Base of Mount:
 Flat — Three Point Suspension — Four Point Suspension ✓
 G. Does Instrument have built-in mobility? YES
 H. Is the instrument particularly sensitive to vibration? YES
 I. Are any special or unusual tools or fixtures necessary or advisable
 for the installation or maintenance of this equipment? PRECISION
LEVELS (4) .0005"/FT MIN. SENSITIVITY

III. UTILITIES

A. Electrical:	AC	DC
Voltage	<u>115</u> Volts ± <u>10</u> Volts	<u>—</u>
Current	<u>30</u> Amps	<u>—</u>
Frequency	<u>60</u> cps	<u>—</u>
Nr. of phases	<u>1</u>	<u>—</u>
Nr. of wires	<u>2 + GROUND</u>	<u>—</u>
Power required by equipment	<u>~ 3000</u> Watts	<u>—</u> Watts
Type of outlet required:	Two Prong <u>—</u> , Three Prong <u>—</u>	
Twist Lock	<u>30A NUB30</u> , Permanent Installation <u>—</u>	

Should the equipment be shielded, either from external electro-magnetic signals, or to prevent interference with other equipment?

SOME RFI MEASURES HAVE BEEN TAKEN, BUT
EQUIP CONFIGURATION PREVENTS COMPLETE ISOLATION.

DECLASS REVIEW by NIMA/DOD

- B. Air Conditioning:
 Room temperature 70°F ± 10°F Humidity ~ 50%
 Output of Instrument ~ 3450 BTU/Hr.
 If air must be filtered, what is maximum permissible particle size
 in microns? 1 What particle count? ~ 100/H³
 particles per cubic foot.
 Direct connection to instrument? Yes _____ No ✓
 If yes to above, what is the desired air temperature to instrument?
N.A.
 Should discharged air be ducted separately? N.A.
 Is discharged air noxious? N.A. toxic? N.A.
 Connector size to instrument N.A.
- C. Plumbing: N.A.
 Is water required for the instrument? Yes _____ No ✓
 Water pressure _____ Flow in GPM _____
 Type of water desired:
 Tap _____ °F + _____ °F
 Tempered _____ °F + _____ °F
 Deionized _____ °F + _____ °F
 Filtered _____ °F + _____ °F Particle size and count per
 unit volume.
 Type of pipe required:
 Galvanized _____ Copper _____
 Stainless Steel _____ Plastic _____
 Is floor drain required? Yes _____ No _____
 Diameter of drain _____ Galvanized drain _____
 Plastic drain _____ Glass drain _____
- D. Compressed Air: N.A.
 Diameter of connectors _____ Type of connectors _____
 PSI _____ Water free? _____
 CFM _____ Oil free? _____
- E. Vacuum: N.A.
 Is vacuum required? Yes _____ No _____
 Vacuum required _____ PSIA or _____ (inches) (milli-
 meters) of Hg
 Displacement _____ CFM _____

IV. REMARKS

In the event additional space is required for environmental conditions
 or utilities not mentioned above, use the reverse side of this form.